

JUN 26 2001

TECH CENTER 1600/290646

RAW SEQUENCE LISTING

DATE: 06/05/2001

PATENT APPLICATION: US/09/491,982

TIME: 12:20:16

Input Set : A:\MDSP-P02-180 SeqList.txt

Output Set: C:\CRF3\06052001\I491982.raw

ENTERED

3 <110> APPLICANT: Shaughnessy, S.
 4 Austin, R.
 6 <120> TITLE OF INVENTION: OSTEOPOROSIS TREATMENT
 8 <130> FILE REFERENCE: MDSP-P02-180
 10 <140> CURRENT APPLICATION NUMBER: 09/491,982
 11 <141> CURRENT FILING DATE: 2000-01-27
 13 <150> PRIOR APPLICATION NUMBER: 09/314,152
 14 <151> PRIOR FILING DATE: 1999-05-19
 16 <160> NUMBER OF SEQ ID NOS: 11
 18 <170> SOFTWARE: PatentIn Ver. 2.1
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 54 ggcaggcccg tgatgctgtg ctgccccgga gtgagtgtg ggactccagt gtcctgggtt 180
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 59 cccaccgct accttacttc ctacaggaag aagacgtgc caggagctga gagtcagagg 480
 60 gaaagtccat ccaccgggcc ttggccgtgt ccacaggacc ctctggaggc ctcccgatgt 540
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 63 ccccaaggac tgcgggtgga atccgtacct agttaccga gacgcctgca tgccagctgg 720
 64 acataccctg cctcctggcg tcgccaaccc cactttctgc tcaagttccg gttgcaatac 780
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66 acagatgctg tggctgggct gccacacgcg gtacgagtca gtgccaggga ctttctggat 900
67 gctggcacct ggagcgcctg gagcccagag gcctggggta ctctagcac tggccccctg 960
68 caggatgaga tacctgattg gagccaggga cacggacagc agctagaggc agtagtagct 1020
69 caggaggaca gcccggctcc tgcaaggcct tccttgacgc cggaccaag gccacttgat 1080
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113 <222> LOCATION: (4)
114 <223> OTHER INFORMATION: Xaa=basic amino acid
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127 <212> TYPE: PRT
128 <213> ORGANISM: Mus musculus
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132 1 5 10 15

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 135 20
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 177 1 5 10 15
 179 Thr Ala Leu Val Ser Ala Ser Ser Pro Cys Pro Gln Ala Trp Gly Pro
 180 20 25 30
 182 Pro Gly Val Gln Tyr Gly Gln Pro Gly Arg Ser Val Lys Leu Cys Cys
 183 35 40 45
 185 Pro Gly Val Thr Ala Gly Asp Pro Val Ser Trp Phe Arg Asp Gly Glu
 186 50 55 60
 188 Pro Lys Leu Leu Gln Gly Pro Asp Ser Gly Leu Gly His Glu Leu Val
 189 65 70 75 80
 191 Leu Ala Gln Ala Asp Ser Thr Asp Glu Gly Thr Tyr Ile Cys Gln Thr
 192 85 90 95
 194 Leu Asp Gly Ala Leu Gly Gly Thr Val Thr Leu Gln Leu Gly Tyr Pro
 195 100 105 110
 197 Pro Ala Arg Pro Val Val Ser Cys Gln Ala Ala Asp Tyr Glu Asn Phe
 198 115 120 125
 200 Ser Cys Thr Trp Ser Pro Ser Gln Ile Ser Gly Leu Pro Thr Arg Tyr
 201 130 135 140
 203 Leu Thr Ser Tyr Arg Lys Lys Thr Val Leu Gly Ala Asp Ser Gln Arg

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206 Arg Ser Pro Ser Thr Gly Pro Trp Pro Cys Pro Gln Asp Pro Leu Gly
207          165          170          175
209 Ala Ala Arg Cys Val Val His Gly Ala Glu Phe Trp Ser Gln Tyr Arg
210          180          185          190
212 Ile Asn Val Thr Glu Val Asn Pro Leu Gly Ala Ser Thr Arg Leu Leu
213          195          200          205
215 Asp Val Ser Leu Gln Ser Ile Leu Arg Pro Asp Pro Pro Gln Gly Leu
216          210          215          220
218 Arg Val Glu Ser Val Pro Gly Tyr Pro Arg Arg Leu Arg Ala Ser Trp
219 225          230          235          240
221 Thr Tyr Pro Ala Ser Trp Pro Cys Gln Pro His Phe Leu Leu Lys Phe
222          245          250          255
224 Arg Leu Gln Tyr Arg Pro Ala Gln His Pro Ala Trp Ser Thr Val Glu
225          260          265          270
227 Pro Ala Gly Leu Glu Glu Val Ile Thr Asp Ala Val Ala Gly Leu Pro
228          275          280          285
230 His Ala Val Arg Val Ser Ala Arg Asp Phe Leu Asp Ala Gly Thr Trp
231          290          295          300
233 Ser Thr Trp Ser Pro Glu Ala Trp Gly Thr Pro Ser Thr Gly Thr Ile
234 305          310          315          320
236 Pro Lys Glu Ile Pro Ala Trp Gly Gln Leu His Thr Gln Pro Glu Val
237          325          330          335
239 Glu Pro Gln Val Asp Ser Pro Ala Pro Pro Arg Pro Ser Leu Gln Pro
240          340          345          350
242 His Pro Arg Leu Leu Asp His Arg Asp Ser Val Glu Gln Val Ala Val
243          355          360          365
245 Leu Ala Ser Leu Gly Ile Leu Ser Phe Leu Gly Leu Val Ala Gly Ala
246          370          375          380
248 Leu Ala Leu Gly Leu Trp Leu Arg Leu Arg Arg Gly Gly Lys Asp Gly
249 385          390          395          400
251 Ser Pro Lys Pro Gly Phe Leu Ala Ser Val Ile Pro Val Asp Arg Arg
252          405          410          415
254 Pro Gly Ala Pro Asn Leu
255          420

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VERIFICATION SUMMARY

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L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9